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PTO/SB/21 (04-04)

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<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)	Application Number	10/823,203	
	Filing Date	04/13/2004	
	First Named Inventor	LAN, Que et al.	
	Art Unit	1653	
	Examiner Name	N/A	
Total Number of Pages in This Submission	318	Attorney Docket Number	054030-0056

ENCLOSURES (Check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance communication to Technology Center (TC) <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Letter regarding IDS; Return Receipt Postcard
Remarks  28 references ( 309 total pages)		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	Charles L. Leeck, Reg. No. 50,343
Signature	<i>Charles L. Leeck</i>
Date	09/08/2004

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Typed or printed name	Ruth Ellen Genac		
Signature	<i>Ruth Ellen Genac</i>	Date	09/08/2004

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# FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

☒ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ ) 0.00

## Complete if Known

Application Number 10/823,203  
Filing Date 04/13/2004  
First Named Inventor LAN, Que et al.  
Examiner Name N/A  
Art Unit 1653  
Attorney Docket No. 054030-0056

## METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None

☒ Deposit Account:

Deposit  
Account  
Number  
Deposit  
Account  
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07-1509

Godfrey & Kahn, S.C.

The Director is authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☒ Credit any overpayments

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## FEE CALCULATION

### 1. BASIC FILING FEE

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1001	770	2001	385	Utility filing fee	
1002	340	2002	170	Design filing fee	
1003	530	2003	265	Plant filing fee	
1004	770	2004	385	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	
SUBTOTAL (1)					(\$ )

### 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

		Extra Claims		Fee from below		Fee Paid
Total Claims		-20** =		X		
Independent Claims		-3** =		X		
Multiple Dependent						

<u>Large Entity</u>		<u>Small Entity</u>		<u>Fee Description</u>
Fee Code	Fee (\$)	Fee Code	Fee (\$)	
1202	18	2202	9	Claims in excess of 20
1201	86	2201	43	Independent claims in excess of 3
1203	290	2203	145	Multiple dependent claim, if not paid
1204	86	2204	43	** Reissue independent claims over original patent
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent

\*\*or number previously paid, if greater; For Reissues, see above

## FEE CALCULATION (continued)

### 3. ADDITIONAL FEES

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for ex parte reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	
1252	420	2252	210	Extension for reply within second month	
1253	950	2253	475	Extension for reply within third month	
1254	1,480	2254	740	Extension for reply within fourth month	
1255	2,010	2255	1,005	Extension for reply within fifth month	
1401	330	2401	165	Notice of Appeal	
1402	330	2402	165	Filing a brief in support of an appeal	
1403	290	2403	145	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1,330	2453	665	Petition to revive - unintentional	
1501	1,330	2501	665	Utility issue fee (or reissue)	
1502	480	2502	240	Design issue fee	
1503	640	2503	320	Plant issue fee	
1460	130	1460	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
1806	180	1806	180	Submission of Information Disclosure Stmt	
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	770	2809	385	Filing a submission after final rejection (37 CFR 1.129(a))	
1810	770	2810	385	For each additional invention to be examined (37 CFR 1.129(b))	
1801	770	2801	385	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	

Other fee (specify)

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ )

## SUBMITTED BY

Name (Print/Type) Charles L. Leeck  
Registration No. (Attorney/Agent) 50,343  
Telephone 414-273-3500  
Signature *Charles L. Leeck*  
Date 09/08/2004

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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

## INFORMATION DISCLOSURE STATEMENT

Applicant: Que Lan, et al.  
 Application No.: 10/823,203  
 For: STEROL CARRIER PROTEIN-2 FROM THE MOSQUITO,  
 AEDES AEGYPTI  
 Filed: April 13, 2004  
 Group Art Unit: 1653  
 Examiner: Unknown  
 Attorney Docket No.: 054030-0056

<p>MAIL STOP AMENDMENT          Commissioner for Patents          P.O. Box 1450          Alexandria, VA 22313-1450</p>	<p><u>CERTIFICATE OF MAILING UNDER 37 CFR 1.8</u>          I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on <u>September 8, 2004</u></p> <p>_____          Ruth Ellen Genac          (Typed or printed name of person mailing paper or fee)</p> <p>_____  <i>Ruth Ellen Genac</i>          (Signature of person mailing paper or fee)</p>
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Dear Sir:

In accordance with 37 C.F.R. §§ 1.56, 1.97, and 1.98, the Applicant submits the references listed below for consideration.

**Non-Patent References:**

- BAUM, C.L., Kansal, S. and Davidson, N.O. 1993. Regulation of sterol carrier protein-2 gene expression in rat liver and small intestine. J Lipid Res. 34(5):729-39
- BAUM, C.L., Reschly, E.J., Gayen, A.K., Groh, M.E. and Schadick, K. 1997. Sterol carrier protein-2 overexpression enhances sterol cycling and inhibits cholesterol ester synthesis and high density lipoprotein cholesterol secretion. J. Biol. Chem. 272 (10) 6490-6498
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- VAN HEUSDEN, G.P., Bos, K. and Wirtz, K.W. 1990. The occurrence of soluble and membrane-bound non-specific lipid transfer protein (sterol carrier protein 2) in rat tissues. *Biochim Biophys Acta.* 1046(3):315-21
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(SAP), and sterol carrier protein-2: GTP and SAP act synergistically. J.Biol. Chem.  
266(11): 6801-6807.

Respectfully Submitted,

GODFREY & KAHN, S.C.

Dated: September 8 , 2004

By: 

Charles L. Leeck

Registration No. 50,343

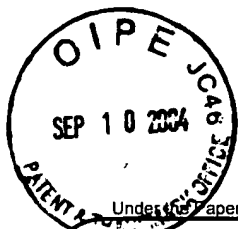
Attorney of Record for the Applicant  
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Substitute for form 1449/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

**Complete if Known**

Application Number	10/823,203
Filing Date	04/13/2004
First Named Inventor	LAN, Que et al.
Art Unit	1653
Examiner Name	N/A
Attorney Docket Number	054030-0056

Sheet	1	of	3
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**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		BAUM, C.L. et al. 1993. J Lipid Res 34(5):729-39	
		BAUM, C.L. et al. 1997. J Biol Chem 272(10):6490-6498	
		BOROVSKY, D. et al. 1986. Arch Insect Biochem Physiol 3(1):19-30	
		BUN-YA, M. et al. 2000. Cell Biochem Biophys 32 Spring:107-16	
		COLLES, S.M. et al. 1995. Lipids 30(9):795-803	
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		DYER, D.H. et al. 2003. J Biol Chem 278:39085-39091	
		FELDLAUFER, M.F. et al. 1995. Insect Biochem Mol Biol 25(6):709-12	
		FROLOVA, A. et al. 1996. J Biol Chem 271(50):31878-84	
		FUCHS, M. et al. 2001. J Biol Chem 276(51):48058-65	

Examiner Signature		Date Considered	
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Substitute for form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>		<b>Complete if Known</b>	
		Application Number	10/823,203
		Filing Date	04/13/2004
		First Named Inventor	LAN, Que et al.
		Art Unit	1653
		Examiner Name	N/A
Sheet	2	of	3
		Attorney Docket Number	054030-0056

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		GALLEGOS, A.M. et al. 2000. Chem Phys Lipids 105(1):9-29	
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		PFEIFER, S.M. et al. 1993a. Arch Biochem Biophys 304(1):287-93	
		PFEIFER, S.M. et al. 1993b. Mol Biol 47(1-6):167-172	
		PUGLIELLI, L. et al. 1995. J Biol Chem 270(32):18723-6	
		SCHROEDER, F. et al. 2000. J Biol Chem 275(33):25547-55	
		SEEDORF, U. et al. 1991. J Biol Chem 266(1):630-6	

Examiner Signature		Date Considered	
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<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Substitute for form 1449/PTO  <div style="text-align: center;"> <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> </div> <div style="text-align: center; margin-top: 10px;"> <i>(Use as many sheets as necessary)</i> </div>		<b>Complete if Known</b>	
		Application Number	10/823,203
		Filing Date	04/13/2004
		First Named Inventor	LAN, Que et al.
		Art Unit	1653
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		Attorney Docket Number	054030-0056
Sheet	3	of	3

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		SEEDORF, U. et al. 1998. Genes Dev 12(8):1189-201	
		SEEDORF, U. et al. 2000. Biochim Biophys Acta 1486(1):45-54	
		STOLOWICH, N.J. et al. 2002. Cell Mol Life Sci 59(2):193-212	
		SVIRIDOV, D. 1999. Histol Histopathol 14(1):305-19	
		SVOBODA, J.A. et al. 1995. Lipids 30(3):263-267	
		TAN, H. et al. 1990. Eur J Biochem 190(1):107-12	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

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